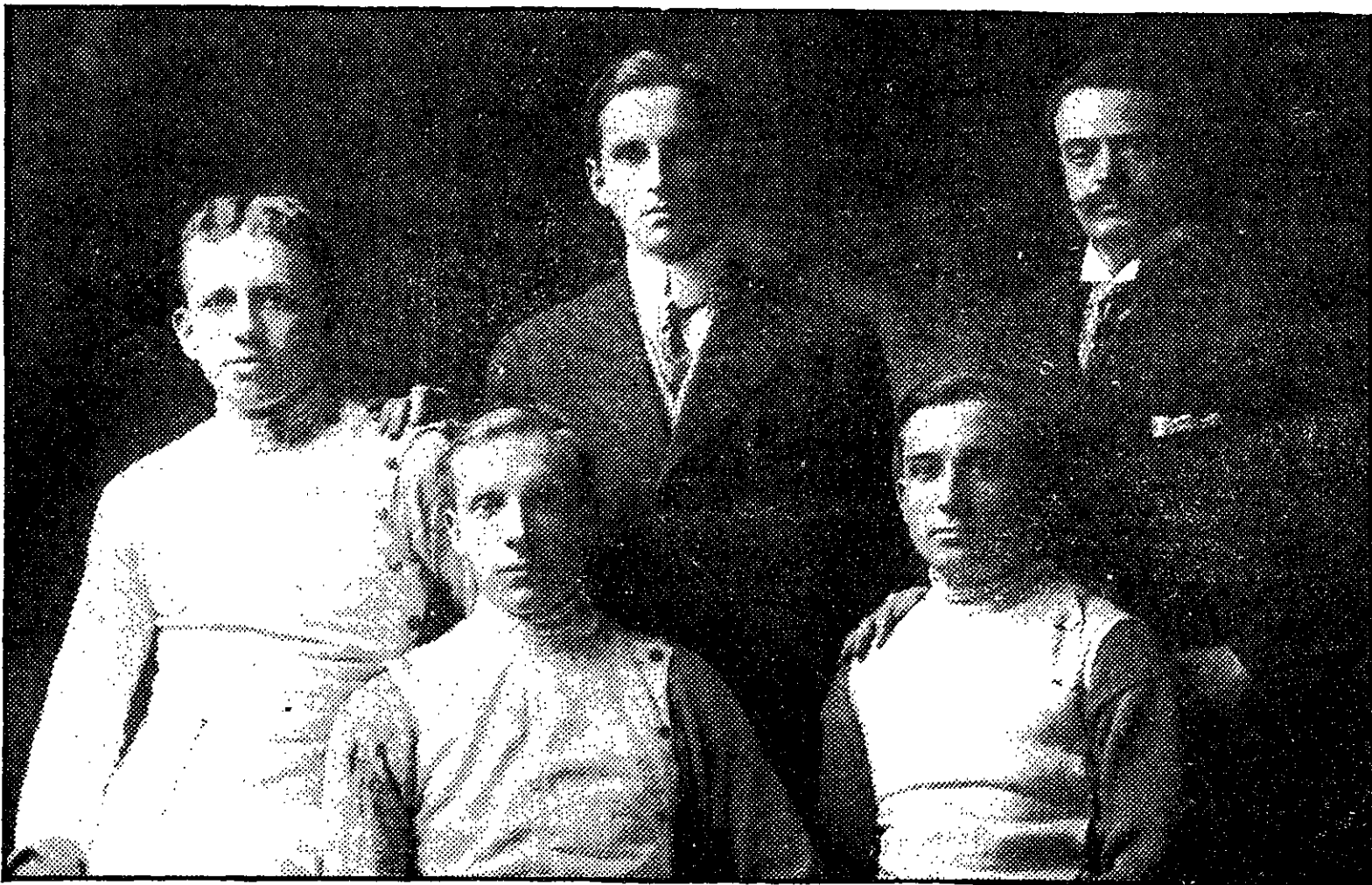




TECHNOLOGY FENCING TEAM

Back Row Left to Right: H. G. Knox 1910; Maurice Chapin 1910, Manager; Lucien Fournon, Coach
Front Row: V. C. Grubnau 1909, Captain; E. M. Loring 1909

TECHNOLOGY WINS FENCING PRELIMS

**Institute Team Proves Itself
Superior to Harvard
And Yale**

KNOX THE STAR

**New Haven Takes Second Place
From Crimson Team and
Qualifies For Finals**

Losing but five bouts of the eighteen in which they participated, the Technology fencing team captured the Intercollegiate Fencing preliminaries on Saturday night, Yale taking second and Harvard losing the tournament which gave the two winning teams the privilege of participating in the Intercollegiate Championship finals in New York on March 27.

The Yale team proved the surprise of the evening, pushing the Technology team from the very beginning. The Harvard team was a great disappointment, their men winning only two bouts.

H. G. Knox 1910, was the individual star of the meet, winning all nine of his bouts with ease. His defensive work was marvellous and when necessary he had a lightning offense. B. A. Smith, captain of the Yale team also did good work, winning all his bouts except the one with Knox.

Bout 5 took 3 extra bouts to decide the winner; bout 16 took 2 extra sessions and bout 13 took one extra half.

The summary:—

- Bout 1.—Ross, Y, defeated Cutting, H.
- Bout 2.—Loring, T, defeated Sanders, Y.
- Bout 3.—Grubnau, T, defeated Barroll, H.
- Bout 4.—Knox, T, defeated Smith, Y.
- Bout 5.—Ross, Y, defeated Erhard, H.
- Bout 6.—Loring, T, defeated Cutting, H.
- Bout 7.—Sanders, T, defeated Barroll, H.
- Bout 8.—Smith, Y, defeated Grubnau, T.
- Bout 9.—Knox, T, defeated Erhard, H.
- Bout 10.—Loring, T, defeated Ross, Y.
- Bout 11.—Cutting, H, defeated Sanders, Y.
- Bout 12.—Smith, Y, defeated Barroll, H.
- Bout 13.—Erhard, H, defeated Grubnau, T.
- Bout 14.—Knox, T, defeated Ross, Y.
- Bout 15.—Smith, Y, defeated Loring, T.

(Continued on page 3.)

SHOW IS MAKING RAPID STRIDES

**First Act Reherased With
Principals, Chorus
And Dancers**

ASSISTANTS SELECTED

**New Departure in Business Staff
Making Three Assistants
Instead of Two**

With the selection of the entire management and the final picking of the cast, the Show is now well on its way for a successful season. The following men have been selected for assistant managers of the various departments: stage, E. R. Schell 1912; business, I. W. Wilson 1911, W. H. Baxter 1912, J. H. Lenaerts 1912; advertising, H. C. Davis, Jr., 1911, H. L. Woehling 1912. A new departure has been made in having three assistants in the business department, as the work in that department has become too heavy for two assistants to handle.

The chorus and principals rehearsed the first act together for the first time on Saturday. The men took their cues like old professionals and the outlook for a record-breaking performance is rosy. The lyrics and music, although more may be added to the list, are pretty well selected. Friday will see the posters on sale in the various places where the Tech is sold. The price of the posters will be 25 cents each.

ALUMNUS TO LECTURE

The next meeting of the Electrical Engineering Society is to be held at the Union tomorrow evening. The speaker for the evening will be Frederick R. C. Boyd 1901. The subject of the talk is to be "Steam Turbine Troubles." Mr. Boyd since graduating from the Institute has become most proficient on the subject of steam turbines and is at present assistant general engineer of the General Electric Company at Lynn. He has had wide experience in testing, operating and designing turbines of all sorts and sizes and is indeed complete master of the subject. Through the courtesy of the society, the members of the Mechanical Engineering Society are to attend in a body, and members of the Civil Engineering Society are invited.

INAUGURATION OF PRES. MACLAURIN

**Exercises Are To Be Held
In Symphony Hall
On June 7**

EVENT OF IMPORTANCE

**Professor and Mrs. Maclaurin Have
Been Entertained Here
During Past Week**

At the meeting of the Executive Committee of the Institute held last Friday afternoon, it was decided to hold the inauguration of Dr. Maclaurin on Monday, June 7, the first day of Reunion week. The committee in charge of the arrangements will be composed of nine members, three from the Corporation, three from the faculty, and three from the alumni. The president of the alumni, C. A. Stone 1882, will represent the alumni and will select the other two. The Inauguration will very likely be held as has been the custom in Symphony Hall.

An appropriation was made, also at this meeting, providing for the watering of the rest of Tech Field, which has been needing attention for some time.

Professor and Mrs. Maclaurin were in Boston Friday, Saturday, and Sunday as the guests of Mr. and Mrs. Charles A. Stone. While here, Mrs. Maclaurin made a visit to the Institute building and showed great interest in Tech social life, while her husband was going over many Institute matters.

SOCIETY OF ARTS

At the 659th meeting of the Society of Arts, to be held in Huntington Hall this evening at 8 P. M., the speaker will be Mr. Howard W. DuBois of Philadelphia. Mr. DuBois is a mining engineer of considerable note and his subject is to be "The Determination of Salting in Mine Examinations." He will treat this from a more or less popular side, showing a few artistically colored lantern slides of bearing on the subject.

GRAPHIC ACCOUNT OF GREAT CRUISE

**Lieut. Tardy Delighted Large
Audience at Union
Night Talk**

NUMEROUS ANECDOTES

**In Closing Lieut. Tardy Invites
All Tech Men to Visit
U. S. S. Vermont**

Over 250 students were present at the Union last Friday evening to hear Chief Engineer Tardy of the U. S. S. Vermont speak on the memorable world-circling cruise of the fleet. By his magnetic personality and pleasing manner Lieut. Tardy held the entire audience spell-bound during his graphic lecture.

Mr. Tardy said in beginning that he was present to represent the captain of his ship. He then went on to tell of the cruise which the sailors, while they knew not its object, realized was a stroke of genius on the part of their great commander, ex-President Roosevelt.

The fleet of sixteen ships left Hampton Roads on Dec. 16, 1907. Up to this time the ships had been merely individuals, now by this amalgamation we had a working unit of these individuals, a fleet. In a few days they made their first stop at Trinidad, a British possession. From here the fleet ran down the coast to Rio Janeiro. This was the hardest and hottest leg of the cruise and numerous heat prostrations occurred due to the effect of drilling on deck in the hot sun. This made the men homesick and many threatened to leave. The fleet was the first force the South Americans had ever seen and convinced them that the United States could back the Monroe Doctrine with deeds as well as words.

The Argentine Republic at whose port, Buenos Ayres, they next stopped, sent out a fleet to meet them. They then proceeded through the Straits of Magellan.

The fleet left the Straits and accepted the invitation of the Chilean government to visit Valparaiso. When they reached Peru a reception royal was awaiting them. This country has always been friendly to the United States and gave the men a bigger reception for their size and means than any other nation-host. The bullfight given for their entertainment was graphically pictured by the speaker and the fine way in which our boys responded he illustrated by telling how they showered the matador with peros (about 50 cents) until he begged them to desist.

They now steamed to Magdalena Bay where target practice was held for a month. The ships were all fixed up for exhibition to the Americans on the Pacific coast. Every little seaport wanted at least one ship to come and anchor in its harbor and one little mountain town brought down seventeen cub bears, one of which was presented to each ship.

A change of command and with it a change of policy occurred as they left San Francisco. At Honolulu they inspected the new naval station and had a surf-boating contest. Leaving Honolulu they sailed for New Zealand, 4000 miles

(Continued from page 2.)

CALENDAR

MONDAY, MARCH 15.

- 3.00 P. M. Tech Field opens.
- 4.15 P. M. Show Rehearsal.
- 8.00 P. M. Society of Arts Lecture.

TUESDAY, MARCH 16.

- 4.15 P. M. A. A. Meeting in H Pierce.
- 4.15 P. M. Show Rehearsal.
- 7.45 P. M. E. E. Society in Union.
- 8.00 P. M. Gym meet vs. Amherst at the Gym.
- 8.00 P. M. Catholic Club in H Pierce.

THE TECH

Published every Monday, Wednesday, and Friday during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter October 6, 1904, at the post office at Boston, Mass., under the Act of Congress of March 3, 1879.

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W. J. SELIGMAN 1911

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Subscription - \$1.50 per year in advance.
Single Copies 3 Cents.

Printed by Old Colony Press, Boston.

Monday, March 15, 1909.

On to New York!

Record squads are reporting for cross-country work. It is now up to the short distance men to report in good numbers to-day at the Field.

The big All-Technology Reunion is to be ushered in by an event which will be an epoch-making one in the history of the Institute—the inauguration of Dr. MacLaurin. All hail to the new Proxy!

FORTY MEN ON RUN

With the largest squad in four years, the Hare and Hounds held their first run last Saturday at Hyde Park. The hares, J. N. Stephenson 1909, H. D. Billings 1910, and J. D. MacKenzie 1911, laid an excellent trail through the surrounding country. The hares were accompanied by Bob Fowler, the well-known marathon runner.

After the hares had had start of ten minutes the rest of the fellows started over the trail led by Capt. E. Jacobs 1910, and Coach Kanaly. At the end of the trail which was laid over a seven mile course Foster Russell 1911, had the honor of finding the bag.

Four freshmen led the bunch in the race of a half mile for home. This makes things look very bright for the freshmen class in their annual race with the sophomores next month. The first twelve men of the forty running were H. S. Benson 1912, H. G. Watkins 1912, V. V. Ballard 1912, C. L. Tuller 1912, E. Jacobs 1910, K. Cartwright 1912, B. C. Huber 1910, R. D. Van Alstine 1911, R. E. Whipple 1912, C. R. Johnson 1911, F. E. Bell 1910, and G. H. Magee 1910.

DR. CUSHMAN TO SPEAK

Dr. Allerton S. Cushman, assistant director of the office of public roads in the U. S. Department of Agriculture, will give an illustrated talk on "Modern Problems in Road Building" in Room 22, Walker on Thursday afternoon, March 18th, at 4.10 P. M. Dr. Cushman's subject is of vital interest to all concerned with the welfare of our highways, especially under the modern conditions of travel, and he will doubtless give the results of the extensive work which the government has been doing with reference to the study of suitable materials for road building and their applications.

While Dr. Cushman comes at the invitation of the Department of Chemistry and Chemical Engineering, all students and instructors interested are welcome.

GRAPHIC ACCOUNT

(Continued from page 1.)

away, which was the longest leg of the cruise. At Australia, which they practically circumnavigated, they were finely treated. They stayed at Manila, the next stop, for a week but did not land owing to a cholera epidemic which was raging there. They then left for Japan.

Up to this time they had had good weather but they now ran into a typhoon which delayed them a whole day. Mr. Tardy told an amusing story of a jackie who was washed overboard from the Minnesota, the ship ahead of his. He explained clearly how the men of his ship rescued him and when an officer of the Vermont patted him on the back and said, "Well, my boy, you've had a narrow escape," the lad's reply was, "For God's sake, give me a cigarette; I'm dying for a smoke."

At Japan the men found a fleet just equal numerically to ours and scarcely had they cast anchor when a calling committee came to each ship and told them that the ships were paired off and that the sole duty of the officers and men of sister ships was to see that the men on board their escort had a good time. They did have a good time and it must have cost the Japanese government \$1,000,000 and private concerns \$500,000 more to give the elaborate reception.

When Mr. Tardy sat down he was cheered and applauded until forced to again rise. He said, "Gentlemen, over there in the Charlestown navy-yard lies my ship the Vermont. She flies at her masthead the pennant for the greatest battle efficiency. Knowing that you are technical men I have distinctly avoided technical subjects, but if any of you are interested enough either in the machinery of the Vermont or her construction and management to pay us a visit, I want not only to give you a hearty invitation but assure you of a sincere welcome. I thank you very much."

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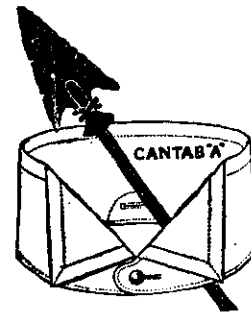
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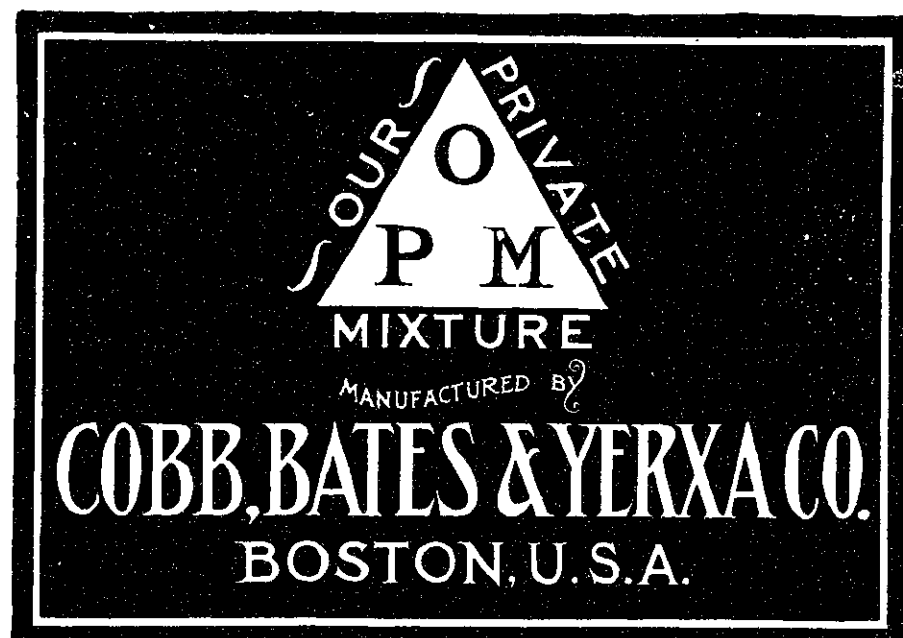
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1910 CLASS BANQUET

There were 115 present at the junior class dinner which was held at the Union last Friday evening. R. F. Goodwin, Jr., was toastmaster and the diners listened to several interesting speeches. Prof. Dewey gave some good advice and said that the men should be careful to do three things. First, not to go through college without helping someone; second, to take advantage of the numerous Lowell Institute and other scientific lectures and talks by men of renown; third, to look forward to the time when they should graduate and be ready to take advantage of their opportunities. Mr. Creevy spoke concerning Technique. Prof. Hayward was introduced as head of the course he had once "flunked" but nevertheless made an interesting speech. President Stewart of the class spoke about the Prom. The speaking concluded with an appeal to the men by Dean Burton to show the Corporation that their belief that the students were unable to manage the Union is in error. The appointment of William R. Waldo to the secretaryship of the class was confirmed.

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ALWAYS EASY

TECHNOLOGY WINS

(Continued from page 1.)

Bout 16.—Sanders, Y, defeated Grubnau, T.
Bout 17.—Knox, T, defeated Cutting, H.
Bout 18.—Ross, Y, defeated Barroll, H.
Bout 19.—Loring, T, defeated Erhard, H.
Bout 20.—Knox, T, defeated Sanders, Y.
Bout 21.—Smith, Y, defeated Cutting, H.
Bout 22.—Ross, Y, defeated Grubnau, T.
Bout 23.—Loring, T, defeated Barroll, H.
Bout 24.—Grubnau, T, defeated Cutting, T.
Bout 25.—Sanders, Y, defeated Erhard, H.
Bout 26.—Knox, T, defeated Barroll, H.
Bout 27.—Smith, Y, defeated Erhard, H.
Score:—M. I. T., 13; Yale, 12; Harvard, 2.

1911 CLASS MEETING

"Frenzied Finance" might well be applied to the 1911 class meeting last Friday noon, for practically the whole session was devoted to a general discussion of financial matters.

Sixty men were present and President Salisbury presided. The first business of the meeting was to add to the by-laws of the class a clause stating that the electoral committee of the class shall send a list of the nominees for office to the regulation committee for approval.

Upon motion of L. C. Cooley it was voted to give the president the power to levy an assessment of fifty cents on all members, if necessary, to support the spring class teams.

Capt. C. P. Eldred of the Sophomore cross-country team then addressed the meeting. He said he regretted to hear the expressions of over-confidence on the part of most of the fellows of the class, adding that in reality the team had a most formidable opponent in the 1912 aggregation.

On the motion of T. B. Parker it was voted that the class accept the resolutions on the death of George Livingston and that they be entered upon the official minutes of the class.

TECH-AMHERST MEET

In the first Intercollegiate gymnasium contest ever entered by a Technology team, Tech and Amherst will meet tomorrow night in the Garrison Street gym.

The Tech team, which has been at work since early in December, has developed into an excellent aggregation, and despite the loss of some of their best men by graduation, should make a good showing tomorrow. W. D. Allen 1911, a new man on the team this season, is especially good at the giant swing and at high bar work. On the horizontal bar the best men are Capt. H. S. Gott 1910, and W. D. Allen 1911, on the parallels S. H. Seelye 1912, and Gott will compete, while on the horse, R. L. Carey 1909, who holds the New England championship on this apparatus, will be the chief performer. In the mat work the men are all fairly good, the best being probably R. C. Jacobs 1910, Gott, Carey and C. W. Wilson 1910. B. F. Courtney will hold down his reputation for club-swinging, and promises to give Amherst a hard tussle for first place.

MAJOR ZALINSKI DEAD

Instructor in Military Science
Authority on Explosives

Major Edmund Louis Gray Zalinski, former instructor in Military Science at the Institute, inventor and engineer, died from pneumonia Wednesday, March 10, at the New York City Hospital where he has been confined five weeks.

He was best known for his development and perfection of the pneumatic dynamite torpedo gun. This weapon uses pneumatic power in lieu of gunpowder and throws a torpedo projectile weighing a thousand pounds charged with 500 pounds of high explosives. His improvements made the weapon practical. The Vesuvius was armed with three of these guns.

Major Zalinski entered the regular army in 1865, becoming second lieutenant in the Fifth United States Artillery. He was in turn promoted to first lieutenant in 1867 and to a captaincy in 1887.

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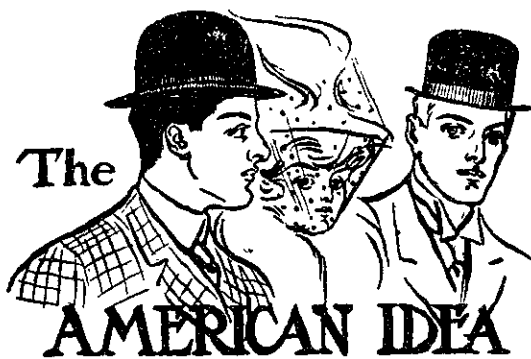
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The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

THE REVIEW is published during January, April, July, and October. Communications should be addressed to THE TECHNOLOGY REVIEW, 83 Newbury St., Boston.

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NOTICES

BASEBALL.—Sophomore battery candidates are asked to leave their names at the Cage for Capt. L. G. Odell 1911.

CATHOLICS.—Meeting of the Catholic Club in Union Tuesday evening at 8 P. M. An interesting speaker has been provided.

EXETER CLUB.—The Exeter Club will meet at 6 o'clock sharp on Wednesday, March 17th, on Rogers steps. Dinner at the Napoli.

REGULAR MEETING and Initiation Banquet of the "La Paloma" Club will be held on Wednesday evening, March 17, 1909. Members will meet at the Rooms at 6 P. M.

E. E. SOCIETY.—Meeting Tuesday. F. R. C. Boyd 1901, of the General Electric Co. at Lynn, will talk on "Steam Turbine Troubles." Members of the Civil and Mechanical Engineering Societies are invited to attend.

The following men report at Room A, the Union, today at 1 o'clock: H. G. Watkins 1912, V. V. Ballard 1912, R. H. Rhoades 1912, R. M. Ferry 1912, F. H. Busby 1912, R. D. Van Alstine 1911, E. Stuart 1910, Ray Allen 1909, L. S. Hooper 1912, J. S. Grant 1912.
FRANK KANALY,

SENIOR PORTFOLIO.—All Seniors holding Portfolio proofs must report their choice to the Notman Studio on or before March 19. If this is not done, a selection will be made by the Committee for use in the Portfolio. In case of unavoidable delay, notify either the Committee or the Notman Studio.

FACULTY NOTICES

SECOND YEAR PHYSICS.—Dr. Kal-mus's section which meets Tuesday from 10 to 11, will have the following lesson for tomorrow:—Thompson, pages 210-218 and 426-430. Also be able to do problems 307 and 308.

THIRD AND FOURTH YEARS.
Classes in Electrochemistry, Courses V and VIII, 3rd yr., Course X, 4th yr., beginning Wednesday, March 17th, will meet as follows:—

Mondays, 10-11 in Room 23, Walker.
Wednesdays, 10-11 in Room 23, Walker.

Fridays, 9-10 in Room 24, Walker.
WALTER HUMPHREYS,
Registrar.

CLASSIFIED ADS

Advertisements under this head are inserted at the rate of five cents a line of six words, payable in advance, and copy should be handed to the business manager the morning before publication day.

LOST.—Principles and Practise of Surveying. W. J. Seligman 1911.

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